

FAASTeam presents:

Aerodynamics 101 for Private Pilots

Most pilots study aerodynamics in their first few lessons as a Student Pilot, but how much do they retain? For many pilots, the extent of their knowledge can best be summed up as either "Magic Happens" or "Plane Go Fast, Wings Lift Up". Clearly, there's a lot more that needs to be learned. We've asked experienced Aerodynamics professor and CFI Paul Kutler to re-introduce us to aerodynamic concepts, and take us a level deeper into understanding how our wings interact with the air to create lift. He'll carefully walk us through the terms involved in describing lift creation and show us how the airflow at each point along the airfoil contributes to overall lift. He'll discuss wing design, induced drag, downwash, and the moment about the wing as a result of lift. It's a fascinating presentation, and one that private pilots will find very useful. Paul Kutler has been flying since 1959 and teaching since 2003 in a variety of Cessna, Piper, and tailwheel aircraft. He is an instructor of aerodynamics and fluid mechanics at San Jose State University in the Mechanical and Aerospace Engineering and Aviation Technology departments. In addition, Paul is a volunteer pilot for Angel Flight, Lighthawk, and Veterans Airlift Command. San Carlos Flight Center was voted Best Flight School in the US in the 2013 AOPA Flight Training

Event Details

Sat, Dec 7, 2013 - 12:00 pm

San Carlos Flight Center

655 Skyway Rd

Suite 215

San Carlos, CA 94070



Contact: San Carlos Flight Center
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Select #: WP1552842

Representative DAN KELLY DYER

Excellence Awards. We are committed to promoting safety in general aviation through our evening safety seminar programs. For more information about this and any of our weekly seminars, please visit <http://sancarlosflight.com/activities-and-events>.

Directions: Located in the Skyway Building, next to the Hiller Aviation Museum. Parking and entrance behind building. Suite 215 is upstairs in the northwest corner.

A message from the National FAASafety Team Manager

Invite a fellow pilot to the next WINGS Safety Seminar in your area.

Sign up for the FAA's safety services at www.FAASafety.gov!

The FAA Safety Team (FAASafety Team) is committed to providing equal access to this meeting/event for all participants. If you need alternative formats or services because of a disability, please communicate your request as soon as possible with the person in the "Contact Information" area of the meeting/event notice. Note that two weeks is usually required to arrange services.